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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/664,353	09/17/2003	Yukimasa Yamamoto	9281-4651	4136
7	590 06/29/2004		EXAM	INER
	Gilson & Lione	LEVI, DAMEON E		
P.O. Box 1039 Chicago, IL	•		ART UNIT	PAPER NUMBER
0 /			2841	···
			DATE MAILED: 06/20/2004	

Please find below and/or attached an Office communication concerning this application or proceeding.

•		Application No.	Applicant(s)			
		10/664,353	YAMAMOTO, YUI	KIMASA		
Office Action Summary		Examin r	Art Unit			
	•	Dameon E Levi	2841			
	- The MAILING DATE of this communication app			ldress		
Period fo						
THE N - Exten after S - If the - If NO - Failur Any re	DRTENED STATUTORY PERIOD FOR REPLY MAILING DATE OF THIS COMMUNICATION. sions of time may be available under the provisions of 37 CFR 1.1 (SIX (6) MONTHS from the mailing date of this communication. period for reply specified above is less than thirty (30) days, a reply period for reply is specified above, the maximum statutory period to to reply within the set or extended period for reply will, by statute eply received by the Office later than three months after the mailing dispatent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a reg y within the statutory minimum of thirty will apply and will expire SIX (6) MONT o, cause the application to become ABA	ply be timely filed (30) days will be considered timel HS from the mailing date of this country NDONED (35 U.S.C. § 133).			
Status						
1)⊠	Responsive to communication(s) filed on 17 S	entember 2003				
·						
Disposition	on of Claims					
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	Claim(s) <u>1-6</u> is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration.					
	Claim(s) is/are allowed.	With the consideration.				
· <u> </u>	Claim(s) <u>1-6</u> is/are rejected.					
· <u> </u>	Claim(s) is/are objected to.					
8)□	Claim(s) are subject to restriction and/o	r election requirement.				
Application	on Papers					
	Γhe specification is objected to by the Examine	ar				
•	The drawing(s) filed on <u>17 September 2003</u> is/s		objected to by the Exar	miner		
	Applicant may not request that any objection to the					
	Replacement drawing sheet(s) including the correct	• • •	` ,	FR 1.121(d).		
	The oath or declaration is objected to by the Ex		•	` ,		
Priority u	nder 35 U.S.C. § 119					
	Acknowledgment is made of a claim for foreign	nriority under 35 H.S.C. &	119(a)-(d) or (f)			
	☑ All b)☐ Some * c)☐ None of:	priority under 55 C.C.C. §	119(a)-(u) 01 (1).			
•	1.⊠ Certified copies of the priority document	s have been received.				
	2.☐ Certified copies of the priority document		polication No.			
	3. Copies of the certified copies of the prio	-		Stage		
	application from the International Burea					
* S	ee the attached detailed Office action for a list	of the certified copies not r	eceived.			
Attachment((s)					
1) Notice of References Cited (PTO-892)			mmary (PTO-413)			
	e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO-1449 or PTO/SB/08)		/Mail Date ormal Patent Application (PTC	D-152)		
	No(s)/Mail Date	6) Other:		· ·,		

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DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1,2 are rejected under 35 U.S.C. 102(b) as being anticipated by Sakai US Patent 5966052.

Regarding claim 1, Sakai discloses a surface-mounting type electronic circuit unit comprising:

a side electrode arranged on a side face; a circuit substrate having a wiring pattern arranged on an upper face in a state connected to this side electrode(for example, see elements 2,2a,G2,G4,Figs 1-3, see columns 2-5)

and

an electric part connected to said wiring pattern by soldering, wherein said wiring pattern has a connecting conductor electrically connecting said side electrode and said electric part, and said connecting conductor connecting said electric part arranged in a position very near said side electrode is formed in a bent state(for example, see elements BC1,BC2,3,Figs 1-3, see columns 2-5)

Regarding claim 2, Sakai discloses wherein said connecting conductor is formed in the bent state of a zigzag shape. (for example, see elements 3,Figs 1-3, see columns 2-5)

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Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 3-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sakai US Patent 5966052 in view of Fujiwuru US Patent 5660269.

Regarding claim 3, Sakai discloses a surface-mounting type electronic circuit unit comprising:

a side electrode arranged on a side face; a circuit substrate having a wiring pattern arranged on an upper face in a state connected to this side electrode(for example, see elements 2,2a,G2,G4,Figs 1-3, see columns 2-5)

and

an electric part connected to said wiring pattern by soldering, wherein said wiring pattern has a connecting conductor electrically connecting said side electrode and said electric pad, (for example, see elements BC1,BC2,3,Figs 1-3, see columns 2-5)

Sakai does not disclose a silk layer fabricated by silk screen printing is formed on said connecting conductor connecting said electric pad arranged in a position very near said side electrode so as to cross this connecting conductor.

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Fujiwuru discloses embodiments wherein disclose a silk layer fabricated by silk screen printing is formed on said connecting conductor (for example, see Figs 1A-3, see columns 2-5)

Accordingly, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have formed a silk layer as taught by Fujiwuru in the device as taught by Sakai as placing a silk layer on a conductor pattern in known in the art for increasing electronic connectivity.

Regarding claim 4, Sakai discloses wherein said connecting conductor is formed in a straight line shape. (for example, see elements 3,Figs 1-3, see columns 2-5)

Regarding claim 5, Sakai discloses wherein said connecting conductor is formed in a bent state(for example, see elements 3,Figs 1-3, see columns 2-5).

Regarding claim 6, Sakai discloses wherein said connecting conductor is formed in the bent state of a zigzag shape(for example, see elements 3,Figs 1-3, see columns 2-5)..

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dameon E Levi whose telephone number is (571) 272-2105. The examiner can normally be reached on Mon.-Fri. (9:00 - 5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David S Martin can be reached on (571) 272-2107. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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